July 2013

Bendix Product Information Letter

Subject: Bendix® Reduced Stopping Distance (RSD) friction certification

In 2011, the National Highway Traffic Safety Administration (NHTSA) mandated a 30% reduction in stopping distance for over the road heavy trucks with the goal of improving highway safety, avoiding highway fatalities, and reducing the number of rear-end collisions. The Phase 1 RSD requirement is for 6x4 vehicles less than 59,600 GVW to stop in 250 feet.

Bendix has always been a strong supporter of efforts to make our highways safer. As part of our ongoing and extensive dialogue with our OEM customers, fleets, and end-users, as well as comprehensive testing, we developed High Performance drum brakes along with new friction materials to meet the RSD requirements.

RSD material certification

For a friction material to be certified as RSD compliant, it must not only be dynamometer certified to Federal Motor Vehicle Safety Standard (FMVSS) 121 standards, it must also pass the newly mandated vehicle test.

There are two different methods to officially certify friction as RSD compliant:

- Certification as part of an OE truck build; or
- Approval by a certified third party vehicle test provider

Vehicle operators are strongly advised to ask for evidence of compliance from their friction supplier when selecting friction for an RSD equipped vehicle.

Bendix RSD compliant friction offerings

To help vehicle operators meet stopping distance requirements, Bendix offers friction materials that have passed the vehicle performance tests in accordance with the revised FMVSS. The following Bendix materials are approved to meet this requirement, as outlined above:

Bendix® friction codes*

Drive Axle	Steer Axle
BA202R	BA202R
BX415	BX920
ES420	BX950
ES1180	BX380

***Disclaimer:** *The appropriate friction varies by application. To ensure that your vehicle maintains RSD compliance, when servicing your vehicle, Bendix recommends replacing brake assemblies with like lining and shoe assemblies.*

For assistance in selecting the appropriate friction for your application, talk to your Bendix account manager or call 1-800-AIR-BRAKE (1-800-247-2725) and speak to a member of the Bendix Tech Team. Visit us online at www.foundationbrakes.com.

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